

Feng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

117
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for identifying the thin layer using the wavelet transform of density logging data. Journal of Petroleum Science and Engineering, 2018, 160, 433-441.	4.2	28
2	Quantitatively determining gas content using pulsed neutron logging technique in closed gas reservoir. Journal of Petroleum Science and Engineering, 2021, 198, 108149.	4.2	13
3	Quantitative monitoring of CO2 sequestration using thermal neutron detection technique in heavy oil reservoirs. International Journal of Greenhouse Gas Control, 2018, 79, 154-164.	4.6	12
4	Compact shielding design of a portable ^{241}Am - ^9Be source. Applied Radiation and Isotopes, 2017, 128, 49-54.	1.5	11
5	A method to describe inelastic gamma field distribution in neutron gamma density logging. Applied Radiation and Isotopes, 2017, 129, 189-195.	1.5	11
6	Monte Carlo simulation of Cu, Ni and Fe grade determination in borehole by PGNAA technique. Journal of Radioanalytical and Nuclear Chemistry, 2018, 315, 51-56.	1.5	8
7	A comparative study on the neutron-gamma density and gamma-gamma density logging. Journal of Petroleum Science and Engineering, 2019, 176, 792-799.	4.2	7
8	Numerical simulation on scintillator detector response for determining element content in PGNAA system. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1309-1314.	1.5	5
9	Application analysis on the different neutron gamma density (NGD) logging methods. Applied Radiation and Isotopes, 2021, 172, 109672.	1.5	5
10	Impact of focused gamma ray beam angle on the response of density logging tool. Applied Radiation and Isotopes, 2017, 123, 102-108.	1.5	4
11	A method for determining density based on gamma ray and fast neutron detection using a $\text{Cs}_2\text{LiYCl}_6$ detector in neutron-gamma density logging. Applied Radiation and Isotopes, 2018, 142, 77-84.	1.5	4
12	An alternative method for sourceless density measurement with boron sleeve gamma detectors. Applied Radiation and Isotopes, 2021, 174, 109785.	1.5	4
13	Logging method for formation water salinity determination by PGNAA technology. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 1143-1149.	1.5	3
14	Time-spectrum processing technology of neutron lifetime logging based on regularized non-negative least squares method. Journal of Petroleum Science and Engineering, 2021, 203, 108604.	4.2	2
15	A new diffusion effect correction method in pulsed neutron capture logging. Journal of Petroleum Science and Engineering, 2021, 204, 108673.	4.2	0